

TECHNIQUES FOR LOADING CLASS FILES INTO VIRTUAL MACHINES

ABSTRACT OF THE DISCLOSURE

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Improved techniques for loading class files into virtual computing machines are disclosed. These techniques provide a mechanism that will generally improve the efficiency of virtual machines by selectively loading information into a virtual machine. As will be appreciated, this allows a better use of the resources of the virtual machine.

- 10 This is especially effective in virtual machines that operate with limited memory resources (e.g., embedded systems). In one embodiment, class files suitable for loading into a virtual machine are initially loaded into a memory portion (e.g., heap memory). Then, information that is needed to be loaded into the virtual machine is selected. Finally, only the selected information is loaded into the virtual machine.